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Salesforce



ProTherm® 4345

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VINYL COMPOUNDS

ProTherm® 4345 Rigid

PRODUCT DESCRIPTION		
This rigid, non-phthalate CPVC compound is formulated to provide excellent stability and ease of processing for a variety of interior profile extrusion applications that require NSF 14/50/61 and PPI certifications. This powder blend compound is commonly used in applications that require high-heat deflection temperatures.		
GENERAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Specific Gravity (+/- 0.02)	1.51	ASTM D-792
MECHANICAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Tensile Yield Strength, psi	7500	ASTM D-638
Tensile Yield Strength, MPa	52	ASTM D-638
Tensile Modulus, psi	400000	ASTM D-638
Tensile Modulus, MPa	2758	ASTM D-638
Flexural Strength, psi	13700	ASTM D-790
Flexural Strength, MPa	94	ASTM D-790
Flexural Modulus, psi	380000	ASTM D-790
Flexural Modulus, MPa	2620	ASTM D-790
Elongation, %	4	ASTM D-638
1/8" Notched Izod Impact ft-lbs/in at 23°C	7	ASTM D-256
THERMAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Heat Deflection Temp °C at 66 psi/0.46 MPa	110	ASTM D-648
Heat Deflection Temp °C at 264 psi/1.8 MPa	105	ASTM D-648
Coefficient of Thermal Expansion 10 ⁻⁵ in/in °F	3.2	ASTM D-696
REGULATORY LISTINGS AND CERTIFICATIONS		
RoHS		

Revised Date:10/29/2019

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